

FACEPLATE WITH INTEGRATED LIGHT-PIPE

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ABSTRACT

5 A faceplate (indicating operation status of an
apparatus) includes a bezel and a light-pipe, which are
integrated into a piece. The faceplate can be injection-
molded with an optically clear plastic. The light-pipe
includes a lens and a light guide. The lens focuses light
10 from a light source toward the light guide and is shaped so
as to focus and collect the light within a boundary of the
light guide. The surface of the light guide includes a
number of mini refracting lenses to promote illumination of
the light. Alternatively, an ink can be applied on the
15 surface of the light guide to promote the illumination of
the light. Further, a diffusing lens can be formed on the
surface of the light guide to promote illumination of the
light. The faceplate can include multiple light-pipes.